

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) A deterministic method employed by a local computing device for bootstrapping software onto a remote computing device communicatively coupled to the local computing device, the method comprising:

in response to determining, by the local device, that a connectivity component is missing from the remote computing device;

loading, by the local computing device, the connectivity component onto the remote computing device via an existing transport mechanism;

using directing, by the local computing device, the loaded connectivity component on the remote computing device to bootstrap a remote procedure call component onto the remote computing device;

issuing by the local computing device to the bootstrapped remote procedure call component for receiving at least one argument via a remote procedure call to the remote procedure call component; and

executing, by the remote procedure call component in response to the remote procedure call, a binary stored in a library on the remote computing device, the executed binary loading the software onto the remote computing device; and

loading the library, the library comprising at least one callable binary.

2. (Original) The method of claim 1, further comprising determining the connectivity component to load by querying a data store of connectivity components.

3. (Original) The method of claim 1, wherein the connectivity component to be loaded onto the remote computing device is determined by a type of central processing unit of the remote computing device.

4. (Original) The method of claim 1, wherein the connectivity component to be loaded is determined by a type of platform running on the remote computing device.

5. (Original) The method of claim 2, wherein the data store of connectivity components resides on a second computing device.
6. (Original) The method of claim 1, wherein the remote procedure call component receives a result of executing the binary stored in the library on the remote computing device to a second computing device.
7. (Original) The method of claim 1, wherein the remote computing device is a personal digital assistant.
8. (Original) The method of claim 1, wherein the remote computing device is a router.
9. (Original) The method of claim 1, wherein the remote computing device is a modem.
10. (Original) The method of claim 1, wherein the remote computing device is an OEM board.
11. (Original) The method of claim 1, wherein the remote computing device is a smart telephone.
12. (Original) The method of claim 1, wherein the binary to be executed in the library is a first version of the binary and a second version of the binary is loaded into the remote computing device library.
13. (Original) The method of claim 8, wherein a process running the first version of the binary is terminated.
14. (Canceled)

15. (Currently Amended) A deterministic method employed by a local computing device for bootstrapping software onto a remote computing device communicatively coupled to the local computing device, the method comprising:

in response to determining, by the local device, that a connectivity component is present on the remote computing device;;

using directing, by the local computing device, the present connectivity component on the remote computing device to bootstrap a remote procedure call component onto the remote computing device;;

issuing by the local computing device to the bootstrapped remote procedure call component for receiving at least one argument via a remote procedure call to the remote procedure call component; and

executing, by the remote procedure call component in response to the remote procedure call, a binary stored in a library on the remote computing device, the executed binary loading the software onto the remote computing device; and

loading the library using the connectivity component, the library comprising a plurality of callable binaries.

16. (Original) The method of claim 15, further comprising determining the connectivity component to load by querying a data store of connectivity components.

17. (Original) The method of claim 15, wherein the connectivity component to be loaded onto the remote computing device is determined by a type of central processing unit of the remote computing device.

18. (Original) The method of claim 15, wherein the connectivity component to be loaded is determined by a type of platform running on the remote computing device.

19. (Original) The method of claim 16, wherein the remote computing device is a first computing device and the data store of connectivity components to be loaded resides on a second computing device.

20. (Original) The method of claim 15, further comprising receiving a result of executing the binary.

21. (Original) The method of claim 15, wherein the remote computing device is a personal digital assistant, a router, a modem, an OEM board or a smart telephone.

22. (Original) The method of claim 15, wherein the binary to be executed in the library is a first version of the binary and a second version of the binary is loaded into the remote computing device library.

23. (Original) The method of claim 22, wherein a process running the first version of the binary is terminated.

24. (Currently Amended) A method employed by a local computing device for using a ~~connectivity~~ remote procedure call component on a remote computing device communicatively coupled to the local computing device to enable ~~a computer~~ the local computing device to execute a function on [[a]] the remote computing device, the method comprising:

determining, by the local computing device, an endpoint associated with the of a remote procedure call component on the remote computing device, the remote procedure call component also being associated with a library, the library comprising a plurality of callable binaries;

determining, by the local computing device, that [[a]] the remote procedure call component is running on the remote computing device;

identifying, by the local computing device to the running remote procedure call component, the function to execute and [[a]] the library the function is stored in via a remote procedure call to the remote computing device;

executing, by the remote procedure call component at the remote computing device, the function at the remote computing device; and

receiving, by the local computing device from the remote procedure call component, a result of executing the function.

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25-38. (Canceled)